



C-terminal procollagen (III) sequence immunohistochem engl.ST25.txt
SEQUENCE LISTING

<110> Burchardt, Elmar R.

<120> Method for the Immunohistochemical Detection of Fibrogenesis in
Histological Tissue Sections using Antibodies against C-terminal Procollagen
Alpha1 (III) Propeptide

<130> 01-00001

<140> US10/820,773A and US 10/825,238

<141> 2004-04-09

<150> DE 101 49 360.6-52

<151> 2001-10-06

<150> PCT/DE02/03763

<151> 2002-10-06

<160> 1

<170> PatentIn version 3.1

<210> 1

<211> 245

<212> PRT

<213> Homo sapiens

<220>

<221> CHAIN

<222> (208)..(245)

<223> Sequence entails the binding epitope of the monoclonal antibody 4
8D19

<220>

<221> CHAIN

<222> (31)..(245)

<223> C-terminal propeptide (C-terminal of C-proteinase cleavage site)

<300>

<308> EMBL

<309> 1989-11-23

<313> (1)..(245)

<400> 1

Asp Glu Pro Met Asp Phe Lys Ile Asn Thr Asp Glu Ile Met Thr Ser
1 5 10 15

Leu Lys Ser Val Asn Gly Gln Ile Glu Ser Leu Ile Ser Pro Asp Gly
20 25 30

Ser Arg Lys Asn Pro Ala Arg Asn Cys Arg Asp Leu Lys Phe Cys His
35 40 45

Pro Glu Leu Lys Ser Gly Glu Tyr Trp Val Asp Pro Asn Gln Gly Cys
50 55 60

Lys Leu Asp Ala Ile Lys Val Phe Cys Asn Met Glu Thr Gly Glu Thr
65 70 75 80

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 Cys Ile Ser Ala Asn Pro Leu Asn Val Pro Arg Lys His Trp Trp Thr
 85 90 95

Asp Ser Ser Ala Glu Lys Lys His Val Trp Phe Gly Glu Ser Met Asp
 100 105 110

Gly Gly Phe Gln Phe Ser Tyr Gly Asn Pro Glu Leu Pro Glu Asp Val
 115 120 125

Leu Asp Val Gln Leu Ala Phe Leu Arg Leu Leu Ser Ser Arg Ala Ser
 130 135 140

Gln Asn Ile Thr Tyr His Cys Lys Asn Ser Ile Ala Tyr Met Asp Gln
 145 150 155 160

Ala Ser Gly Asn Val Lys Lys Ala Leu Lys Leu Met Gly Ser Asn Glu
 165 170 175

Gly Glu Phe Lys Ala Glu Gly Asn Ser Lys Phe Thr Tyr Thr Val Leu
 180 185 190

Glu Asp Gly Cys Thr Lys His Thr Gly Glu Trp Ser Lys Thr Val Phe
 195 200 205

Glu Tyr Arg Thr Arg Lys Ala Val Arg Leu Pro Ile Val Asp Ile Ala
 210 215 220

Pro Tyr Asp Ile Gly Gly Pro Asp Gln Glu Phe Gly Val Asp Val Gly
 225 230 235 240

Pro Val Cys Phe Leu
 245